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Title: JP58097255A2: MANUFACTURE OF PACKING FOR DRY BATTERY

Derwent Title: Mfg. packing for dry battery that prevents liq. leakage - by soaking dry paper in water repellent material in depressed atmos. NoAbstract
[\[Derwent Record\]](#)

Country: JP Japan

Kind: A

Inventor: SHINODA KENICHI;
 OOTA HIROHIKO;
 MURAKOSHI MITSUO;

Assignee: FUJI ELELCTROCHEM CO LTD
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Published / Filed: 1983-06-09 / 1981-12-02

Application Number: JP1981000192725

IPC Code: H01M 2/08;


Abstract: PURPOSE: To prevent leaking of an electrolyte to the outside of a dry battery to increase electrolyte leakage resistance by using paper obtained by immersing it in a molten water-repellant material such as paraffin, wax under a reduced pressure after drying.

CONSTITUTION: Paper having a density of 0.4~0.8g/cm³ and a basis weight of 200~800g/m² is desirable. The paper while is over this range is too hard, and even after impregnation of paraffin or wax it has insufficient softness in order that it keeps liquid-tight contact with parts such as an anode terminal plate. The paper which is bellow this range has good contact with parts but decreases mechanical strength, thus workability such as supply of parts is decreased.

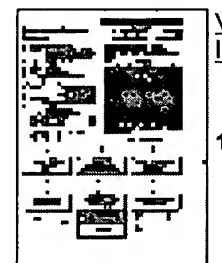
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Family: None

Forward References: [Go to Result Set: Forward references \(1\)](#)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6586912	2003-07-01	Tsukamoto; Hisashi	Quallion LLC	Method and apparatus for amplitude limiting battery temperature spikes

Other Abstract Info: None



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(11) Publication number: **58097**

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PATENT ABSTRACTS OF JAPAN(21) Application number: **56192725**(51) Intl. Cl.: **H01M 2/08**(22) Application date: **02.12.81**

(30) Priority:	(71) Applicant: FUJI ELELCTROCHEM CO L
(43) Date of application publication: 09.06.83	(72) Inventor: SHINODA KENICHI OOTA HIROHIKO MURAKOSHI MITSUO
(84) Designated contracting states:	(74) Representative:

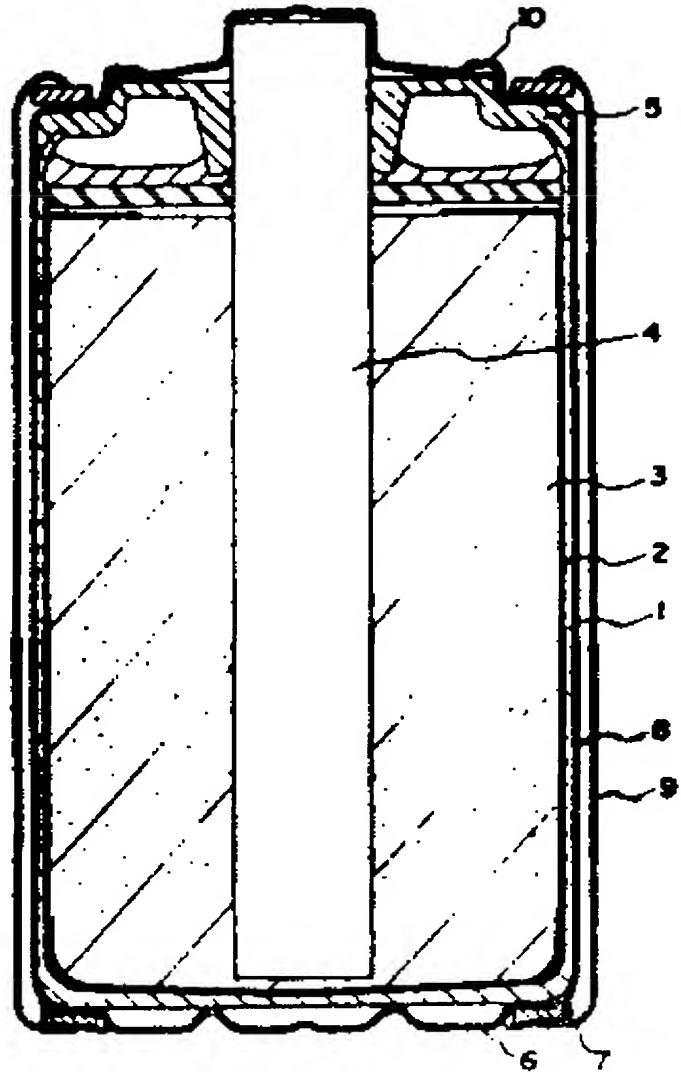
**(54) MANUFACTURE OF
PACKING FOR DRY
BATTERY**

(57) Abstract:

PURPOSE: To prevent leaking of an electrolyte to the outside of a dry battery to increase electrolyte leakage resistance by using paper obtained by immersing it in a molten water-repellant material such as paraffin, wax under a reduced pressure after drying.

CONSTITUTION: Paper having a density of 0.4 ~ 0.8g/cm³ and a basis weight of 200 ~ 800g/m² is desirable. The paper while is over this range is too hard, and even after impregnation of paraffin or wax it has insufficient softness in order that it keeps liquid-tight contact with parts such as an anode terminal plate. The paper which is bellow this range has good contact with parts but decreases mechanical strength, thus workability such as supply of parts is decreased.

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